Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal611txm

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * *   Welcome to STN International   * * * * * * * * * *

    NEWS 1   Web Page URLs for STN Seminar Schedule - N. America
    NEWS 2   "Ask CAS" for self-help around the clock
    NEWS 3 SEP 09   CA/CAplus records now contain indexing from 1907 to the
                      present
    NEWS 4 AUG 05   New pricing for EUROPATFULL and PCTFULL effective
                      August 1, 2003
    NEWS 5 AUG 13   Field Availability (/FA) field enhanced in BEILSTEIN
    NEWS 6 AUG 18   Data available for download as a PDF in RDISCLOSURE
    NEWS 7 AUG 18   Simultaneous left and right truncation added to PASCAL
    NEWS 8 AUG 18   FROSTI and KOSMET enhanced with Simultaneous Left and Righ
                      Truncation
    NEWS 9 AUG 18   Simultaneous left and right truncation added to ANABSTR
    NEWS 10 SEP 22   DIPPR file reloaded
    NEWS 11 SEP 25   INPADOC: Legal Status data to be reloaded
    NEWS 12 SEP 29   DISSABS now available on STN
    NEWS 13 OCT 10   PCTFULL: Two new display fields added
    NEWS 14 OCT 21   BIOSIS file reloaded and enhanced
    NEWS 15 OCT 28   BIOSIS file segment of TOXCENTER reloaded and enhanced

    NEWS EXPRESS   NOVEMBER 14 CURRENT WINDOWS VERSION IS V6.01c, CURRENT
                   MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
                   AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003
    NEWS HOURS   STN Operating Hours Plus Help Desk Availability
    NEWS INTER   General Internet Information
    NEWS LOGIN   Welcome Banner and News Items
    NEWS PHONE   Direct Dial and Telecommunication Network Access to STN
    NEWS WWW   CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

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  agreement. Please note that this agreement limits use to scientific
  research. Use for software development or design or implementation
  of commercial gateways or other similar uses is prohibited and may
  result in loss of user privileges and other penalties.

    * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 10:57:45 ON 24 NOV 2003

=> file casreacts

'CASREACTS' IS NOT A VALID FILE NAME
SESSION CONTINUES IN FILE 'HOME'
Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files
that are available. If you have requested multiple files, you can
specify a corrected file name or you can enter "IGNORE" to continue
accessing the remaining file names entered.

=> file casreact

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'CASREACT' ENTERED AT 10:58:18 ON 24 NOV 2003
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

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held by the publishers listed in the PUBLISHER (PB) field (available
for records published or updated in Chemical Abstracts after December
26, 1996), unless otherwise indicated in the original publications.

FILE CONTENT:1907 - 23 Nov 2003 VOL 139 ISS 21

Some records from 1974 to 1991 are derived from the ZIC/VINITI data file
and provided by InfoChem and some records are produced using some INPI
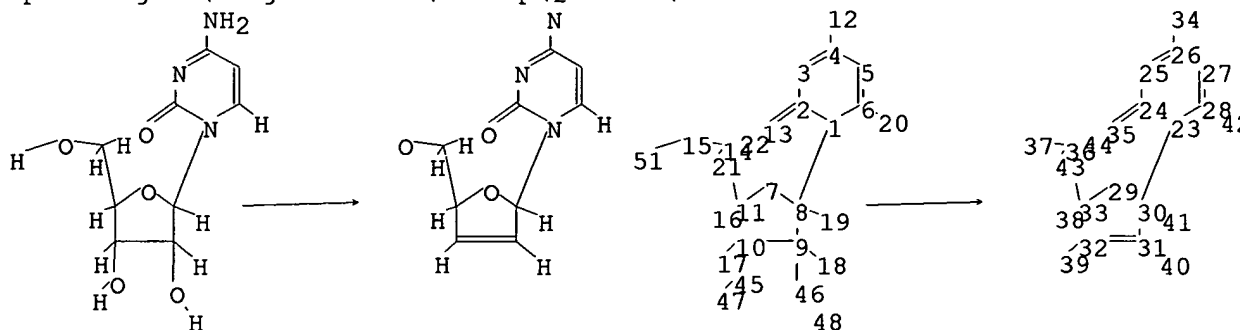data from the period prior to 1986.

This file contains CAS Registry Numbers for easy and accurate substance
identification.

Crossover limits have been increased. See HELP RNCROSSOVER for details.

Structure search limits have been raised. See HELP SLIMIT for the new,
higher limits.

=>
Uploading C:\Program Files\Stnexp\Queries\10087112.str

chain nodes :
12 13 14 15 16 17 18 19 20 21 22 34 35 36 37 38 39 40 41 42 43
44 45 46 47 48 51
ring nodes :

```
1  2  3  4  5  6  7  8  9  10  11  23  24  25  26  27  28  29  30  31  32  33
chain bonds :
1-8  2-13  4-12  6-20  8-19  9-18  9-46  10-17  10-45  11-14  11-16  14-15  14-21
14-22  15-51  23-30  24-35  26-34  28-42  30-41  31-40  32-39  33-36  33-38  36-37
36-43  36-44  45-47  46-48
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6  7-8  7-11  8-9  9-10  10-11  23-24  23-28  24-25
25-26  26-27  27-28  29-30  29-33  30-31  31-32  32-33
exact/norm bonds :
1-2  1-6  1-8  2-3  2-13  3-4  4-5  4-12  5-6  7-8  7-11  8-9  9-10  9-46  10-11
10-45  14-15  23-24  23-28  23-30  24-25  24-35  25-26  26-27  26-34  27-28  29-30
29-33  30-31  31-32  32-33  36-37
exact bonds :
6-20  8-19  9-18  10-17  11-14  11-16  14-21  14-22  15-51  28-42  30-41  31-40
32-39  33-36  33-38  36-43  36-44  45-47  46-48
```

```
Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:Atom  8:Atom  9:Atom  10:Atom
11:Atom  12:CLASS  13:CLASS  14:CLASS  15:CLASS  16:CLASS  17:CLASS  18:CLASS
19:CLASS  20:CLASS  21:CLASS  22:CLASS  23:Atom  24:Atom  25:Atom  26:Atom  27:Atom
 28:Atom  29:Atom  30:Atom  31:Atom  32:Atom  33:Atom  34:CLASS  35:CLASS  36:CLASS
 37:CLASS  38:CLASS  39:CLASS  40:CLASS  41:CLASS  42:CLASS  43:CLASS  44:CLASS
45:CLASS  46:CLASS  47:CLASS  48:CLASS  51:CLASS
fragments assigned product role:
containing 23
fragments assigned reactant/reagent role:
containing 1
```

```
L1        STRUCTURE UPLOADED

=> s l1 sample
SAMPLE SEARCH INITIATED 10:58:42 FILE 'CASREACT'
SCREENING COMPLETE -    434 REACTIONS TO VERIFY FROM      37 DOCUMENTS

100.0% DONE    434 VERIFIED        0 HIT RXNS                    0 DOCS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED VERIFICATIONS:     7431 TO      9929
PROJECTED ANSWERS:              0 TO         0

L2            0 SEA SSS SAM L1 (      0 REACTIONS)

=> s l1 full
FULL SEARCH INITIATED 10:58:51 FILE 'CASREACT'
SCREENING COMPLETE -   6907 REACTIONS TO VERIFY FROM     517 DOCUMENTS

100.0% DONE   6907 VERIFIED        3 HIT RXNS                    2 DOCS
SEARCH TIME: 00.00.01

L3            2 SEA SSS FUL L1 (      3 REACTIONS)

=> d 1-2
```
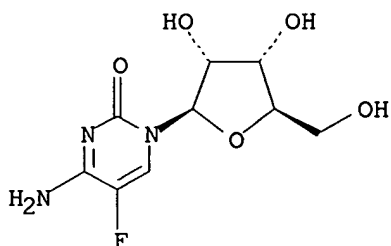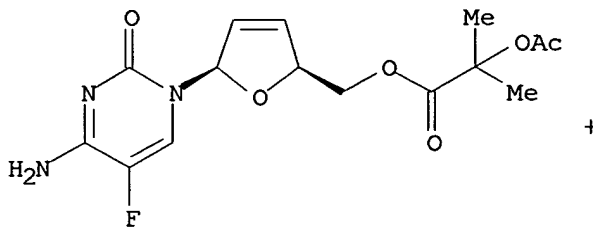
Page 3

L3   ANSWER 1 OF 2   CASREACT   COPYRIGHT 2003 ACS on STN
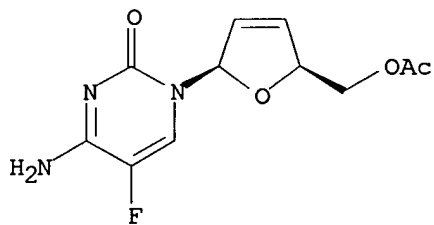
RX(6) OF 9 - 2 STEPS

1.1. Me2C(OAc)COBr,
       AcOEt, MeCN
1.2. KHCO3, Water
2.1. CuSO4, Zn, Water
2.2. AcOH, DMF
2.3. K2CO3, Water
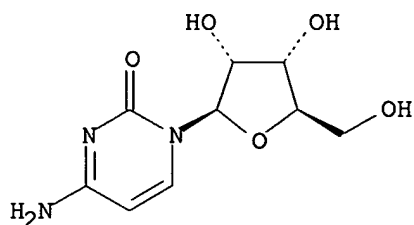
85%

+

RX(6) OF 9 - 2 STEPS

85%

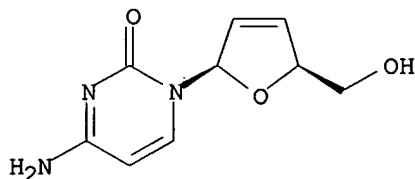REF: PCT Int. Appl., 2002070533, 12 Sep 2002
NOTE: 1) optimization study, combined yield of 88%, 2) optimized on
      solvent, first stage prepn. of reducing agent

L3   ANSWER 2 OF 2   CASREACT   COPYRIGHT 2003 ACS on STN

RX(47) OF 58 - 5 STEPS

1.1. Pivaloyl chloride,
     Pyridine
1.2. MeSO2Cl
2. Mg(OMe)2, NaBH4,
   N2, Benzene, MeOH
3. Pivaloyl chloride,
   Pyridine
4. TsCl, NaH, THF
5.1. t-BuOK, t-BuOH
5.2. NH3, MeOH

REF: Chemistry Letters, (12), 2419-22; 1987

=> logoff
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:.

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	103.15	103.36

STN INTERNATIONAL LOGOFF AT 10:59:30 ON 24 NOV 2003

L Number	Hits	Search Text	DB	Time stamp
1	554	(544/317).CCLS.	USPAT; US-PGPUB	2003/11/24 08:58
2	8	((544/317).CCLS.) and (couple or "Zn/Cu")	USPAT; US-PGPUB	2003/11/24 11:43
3	27	((544/317).CCLS.) and ("5-fluoro")	USPAT; US-PGPUB	2003/11/24 11:43